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PTO/SB/21 (6-98) Approved for use through 09/30/2000. OMB 0651-0031 Please type a plus sign (+) inside this box -> + Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless redisplays a valid OMB control Application Number 40/308,895 10/038,895 TRANSMITTAL December 24, 2001 Filing Date **FORM First Named Inventor** Kulp et al. (to be used for all correspondence after initial filing) Group Art Unit 1623 **Examiner Name** Unknown Total Number of Pages in This Submission Attorney Docket Number 3379.1 CA TRAD ENCLOSURES (check all that apply) Assignment Papers Fee Transmittal Form Communication to Board of Fee Attached 3/19/03 3 and Interferences Communication to Group Amendment / Response Dear Sir/ Madam: Notice, Brief, Reply Brief) After Final ary Information The circled serial number is incorrect and the correct Affidavits/declaration(s) _etter number has been typed in. An original filing of the nal Enclosure(s) Extension of Time Request attached was mailed today identify below): 3/19/03. Please accept this turn Receipt Postcard; copy with the correct serial Express Abandonment Request ansmittal for Substitute number. If you have any juence Listing & Preliminary endment; questions, please contact me Information Disclosure Statement) Diskette: at 408/731-5886. Thank you. quence Listing, 27 pp; Sylvia Rogers irt 2, Copy of Notice to Patent Assistant Certified Copy of Priority Remarks Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Leticia R. Block, Reg. No.: 50,167 Individual name Whie F. Block Signature 03-18-2003 Date CERTIFICATE OF MAILING

Signature

Date

3/19

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, Patent and Trademark Office,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope

addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Sylvia Rogers

Typed or printed name



PATENT Atty. Docket No. 3379.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Kulp et. al.

Examiner:

Unknown

Serial No:

10/038,895

Group Art Unit:

1623

Filing Date:

October 24, 2001

Title: NUCLEIC ACIDS ENCODING G PROTEINS COUPLED RECEPTORS

TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING AND PRELIMINARY <u>AMENDMENT</u>

Commissioner for Patents Washington, D.C. 20231

Sir:

This Substitute Sequence Listing is submitted in response to the Notice to Comply with Sequence Requirements mailed on March 10, 2003.

Transmitted herewith is a copy of a Substitute "Sequence Listing" (27 sheets) in paper form for the above-identified patent application as required by 37 C.F.R. 1.825(a) and 1.821(c). A copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. 1.825(b) and 1.821(e) is enclosed herewith.

As required by 37 C.F.R. 1.825(b), Applicant's representative hereby states that the content of the "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same and, as required by 37 C.F.R. 1.825(a), also states that the submission includes no new matter.

Atty. Docket No. 3379.1

Please amend the above-identified application as follows:

In the Specification:

Please replace the "Sequence Listing" filed on February 19, 2003 with the attached

Substitute "Sequence Listing" comprising SEQ ID NOs: 1-20.

REMARKS

The "organism" in SEQ ID NO: 1 has been renamed from "synthetic" to "artificial

sequence" in order to comply with the rules.

Applicants believe that no fee is required. However if a fee is required, the Commissioner

is hereby authorized to charge any additional fees which may be required, or credit any

overpayment to Deposit Account 01-0431.

Dated: 03-18-03

Respectfully submitted,

Who R. Block

Leticia R. Block

Reg. No. 50,167

Affymetrix, Inc. 3380 Central Expressway

Santa Clara, CA 95051

Tel: 408-731-5000

Fax: 408-731-5392

2

3379.1.ST25.txt SEQUENCE LISTING

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Asp Ala His Arg Gly Cys Lys Leu Val Met Val Leu Phe Xaa Tyr Cys 120

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Page 2

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3379.1.ST25.txt

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Page 14

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360

420 480

Leu Ile Ile Ala Val Thr Thr Val Ala Ile Thr Glu Pro Glu Lys Gly 340 345 350 Tyr Ile Arg Pro Glu Ala Cys Trp Leu Asn Trp Asp Asn Thr Lys Ala 355 360 365 Leu Xaa Ala Phe Ala Ile Pro Ala Phe Val Ile Val Ala Val Asn Leu 370 380 Ile Val Val Leu Val Val Ala Val Asn Thr Gln Arg Pro Ser Ile Gly 385 390 395 400 Ser Ser Lys Ser Gln Asp Val Val Ile Ile Met Arg Ile Ser Lys Asn 405 410 415 Val Ala Ile Leu Thr Pro Leu Leu Gly Leu Thr Trp Gly Phe Gly Ile 420 425 430 Ala Thr Leu Ile Glu Gly Thr Ser Leu Thr Phe His Ile Ile Phe Ala 435 440 445 Leu Leu Asn Ala Phe Gln Phe Phe Ile Leu Leu Phe Gly Thr Ile Met 450 460Asp His Lys Val 465 <210> 20 1407 DNA Artificial Sequence <220> Synthetic Organism <223> <400> aaccacatcc tcgacacagc agccatttca aactgggctt tcattcccaa caaaaatgcc 60 120 agctcggatt tgttgcagtc agtgaatttg tttgccagac aactccacat ccacaataat 180 tctgagaaca ttgtgaatga actcttcatt cagacaaaag ggtttcacat caaccataat acctcagaga aaagcctcaa tttctccatg agcatgaaca ataccacaga agatatctta 240 ggaatggtac agattcccag gcaagagcta aggaagctgt ggccaaatgc atcccaagcc 300

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Page 26

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APPLICATION NUMBER

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/038,895

10/24/2001

David C. Kulp

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Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

• A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

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	MAR 2 4 2003 C
SERIAL NO.: 10/038 8 95 DATE FILED: 10/24/	01 DOCKET NO.: 3379.
TITLE: Nuclic Acids Encoding G	
APPLICANT: Kuly et al. DAT	
. /	MAIL LABEL NO.:
THE U.S. PATENT & TRADEMARK OFFICE	ACKNOWLEDGES RECEIPT OF:
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